Title (en)

HERBICIDE TARGET GENES AND METHODS

Title (de)

ZIELGEN EINES HERBIZIDS UND VERFAHREN

Title (fr)

GENES CIBLES D'HERBICIDE ET PROCEDES CORRESPONDANTS

Publication

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Application

**EP 00910776 A 20000303**

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- US 26338599 A 19990305
- US 30903699 A 19990510
- US 32766299 A 19990608
- US 40819699 A 19990929

Abstract (en)

[origin: WO0053782A2] The invention relates to genes isolated from Arabidopsis that code for proteins essential for normal plant development. The invention also includes the methods of using these proteins to discover new herbicides, based on the essentiality of the genes for normal growth and development. The invention can also be used in a screening assay to identify inhibitors that are potential herbicides. The invention is also applied to the development of herbicide tolerant plants, plant tissues, plant seeds, and plant cells.

[origin: WO0053782A2] The invention relates to genes isolated from Arabidopsis that code for proteins essential for normal plant development. The invention also includes the methods of using these proteins to discover new herbicides, based on the essentiality of the genes for normal growth and development. The invention can also be used in a screening assay to identify inhibitors that are potential herbicides. The invention is also applied to the development of herbicide tolerant plants, plant tissues, plant seeds, and plant cells.

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CPC (source: EP)

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